Name: Date:



EARTH'S ORBIT AND ROTATION

٦.	How long does it take the Earth to rotate on its axis?
2.	Why do we have a leap year every four years?
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3.	True or false: Earth's orbit around the sun is what causes night and day
4.	What causes the length of shadows to change over the course of the day?
5.	True or false: all constellations are visible from the Earth each night.
6.	List two observations that would lead you to believe that the Earth rotates on its axis.
7.	What kind of instrument, developed by Leon Foucault, provides physical evidence that Earth is rotating on
	its axis?
8.	Fill in the blank using the word the same as or different than.
	Other planets, such as Mars and Jupiter, have year-lengths that are
	the length of a year on Earth.
9.	If it is 9 am in San Francisco, is it also 9 am in New York? Why or why not?
10	D. A sundial uses patterns of what to tell time?
	a. sunny days b. shadows c. clouds d. stars